



**US Army Corps
of Engineers®**

Detroit District
P.O. Box 1027
Detroit, MI 48231-1027
(313) 226-6797
FAX - (313) 226-3519

Notice to Navigation Interests

Notice No. L05-06

Date: 11 MARCH 2005

Waterway: LAKE SUPERIOR

Location: MINNESOTA-WISCONSIN

CELRE-OT-T

CONDITION OF FEDERAL NAVIGATION CHANNEL DULUTH-SUPERIOR HARBOR

1. The latest available condition surveys performed at Duluth-Superior Harbor, Minnesota and Wisconsin are generally as indicated on the following sheets.
2. All depths are referred to Low Water Datum 601.1 feet above Mean Sea Level at Rimouski, Quebec (IGLD, 1985).
3. Mariners are urged to use extreme caution in the area.
4. All inquiries should be addressed to CELRE-OT-T and should refer to Notice to Navigation Interests No. L05-06. Internet address: <http://www.lre.usace.army.mil> Go to: Detroit Home Page, Who We Are, Operations Office Home Page.

DONALD P. LAUZON
Lieutenant Colonel, U.S. Army
District Engineer

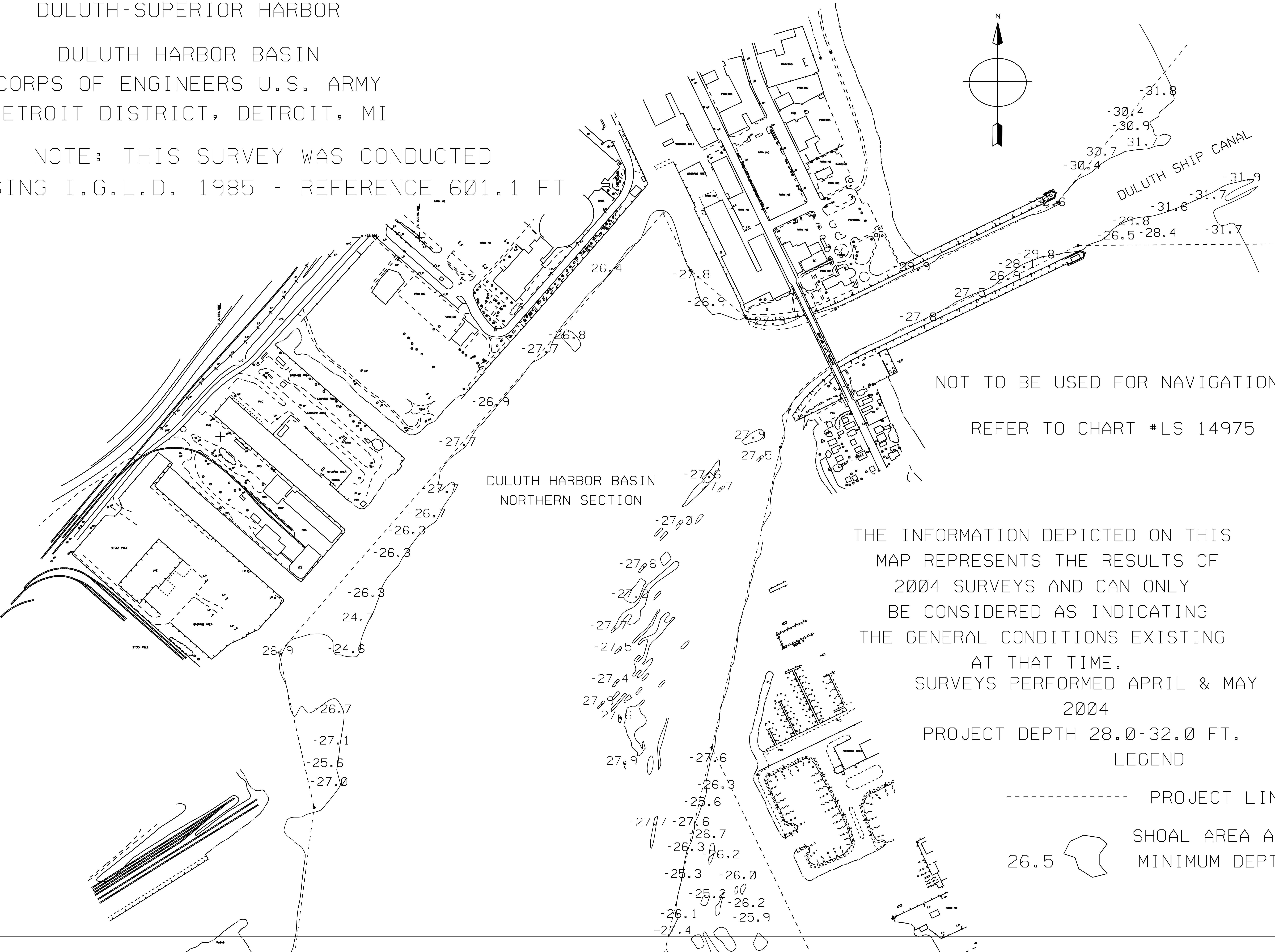
Notice to the Postmaster:

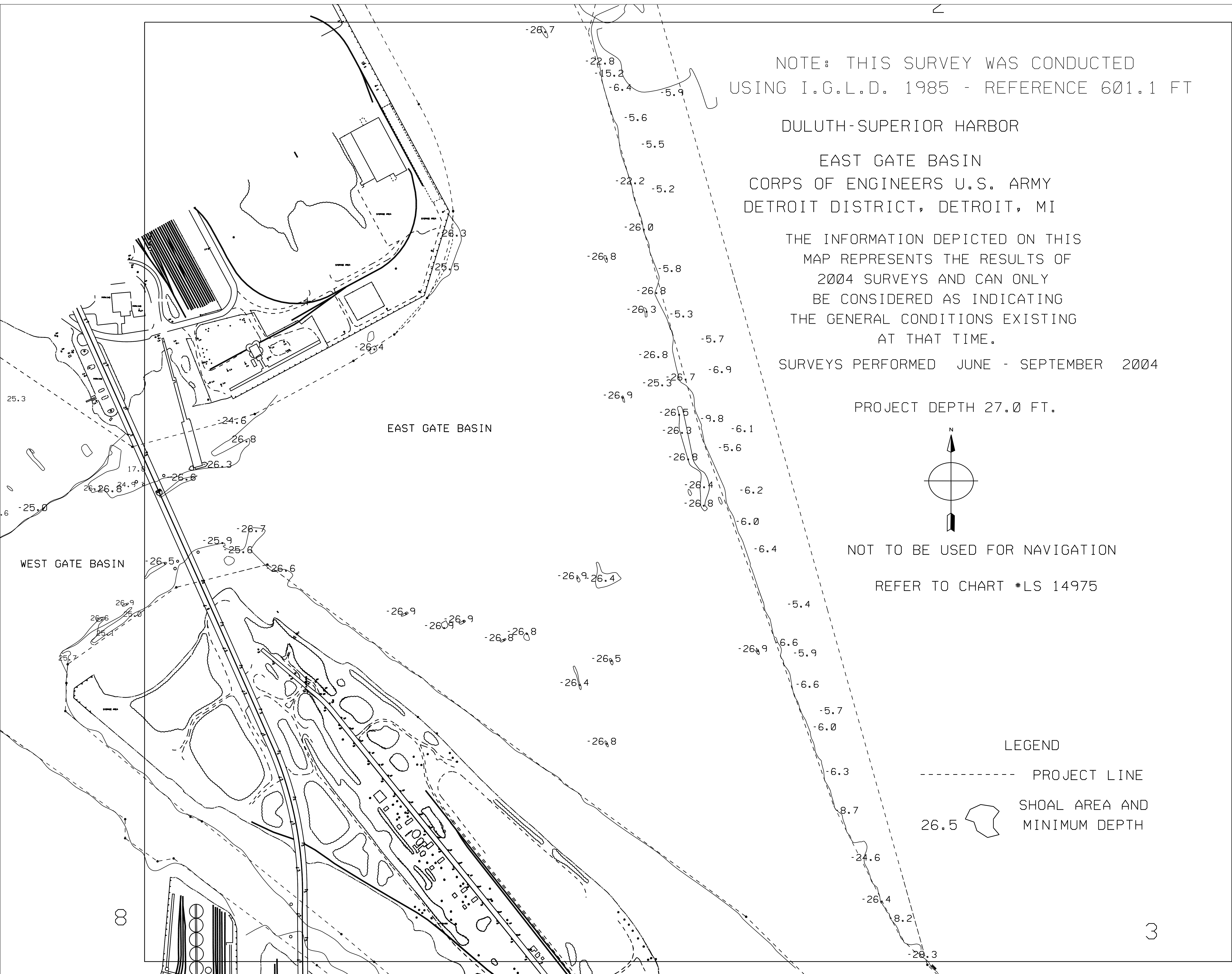
It is requested that the above notice be conspicuously and continuously posted until November 30, 2005.

DULUTH-SUPERIOR HARBOR

DULUTH HARBOR BASIN
CORPS OF ENGINEERS U.S. ARMY
DETROIT DISTRICT, DETROIT, MI

NOTE: THIS SURVEY WAS CONDUCTED
USING I.G.L.D. 1985 - REFERENCE 601.1 FT





DULUTH-SUPERIOR HARBOR
SUPERIOR FRONT CHANNEL
CORPS OF ENGINEERS U.S. ARMY
DETROIT DISTRICT, DETROIT, MI

THE INFORMATION DEPICTED ON THIS
MAP REPRESENTS THE RESULTS OF
2004 SURVEYS AND CAN ONLY
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SURVEYS PERFORMED MAY - NOV. 2004

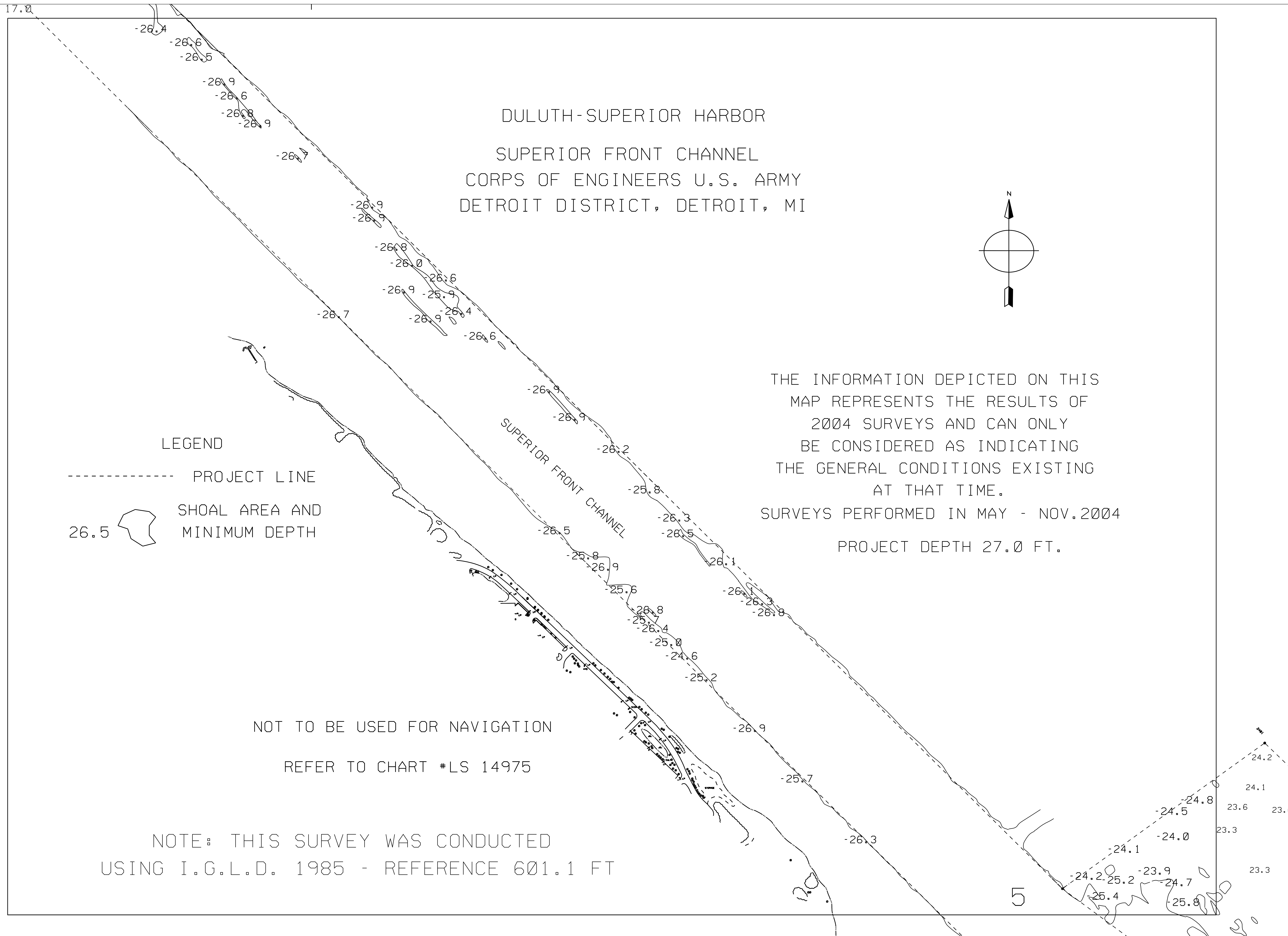
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LEGEND

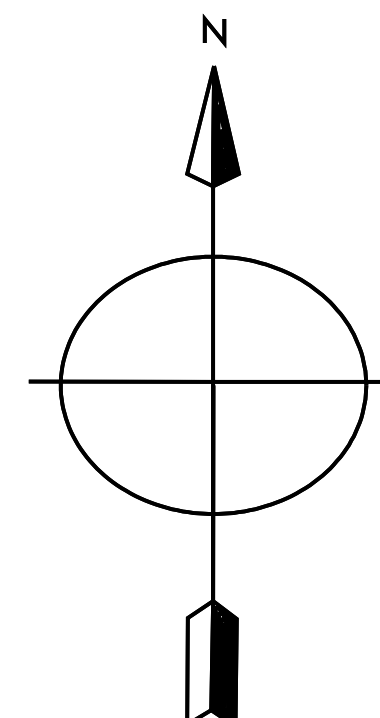
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26.5  SHOAL AREA AND
MINIMUM DEPTH

NOT TO BE USED FOR NAVIGATION

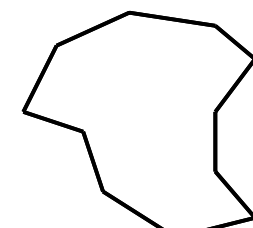
REFER TO CHART #LS 14975



DULUTH-SUPERIOR HARBOR
SUPERIOR FRONT CHANNEL
CORPS OF ENGINEERS U.S. ARMY
DETROIT DISTRICT, DETROIT, MI



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SURVEYS PERFORMED IN MAY - NOV. 2004
PROJECT DEPTH 27.0 FT.

LEGEND
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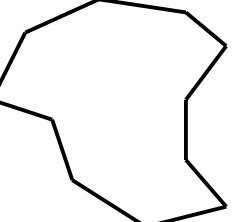
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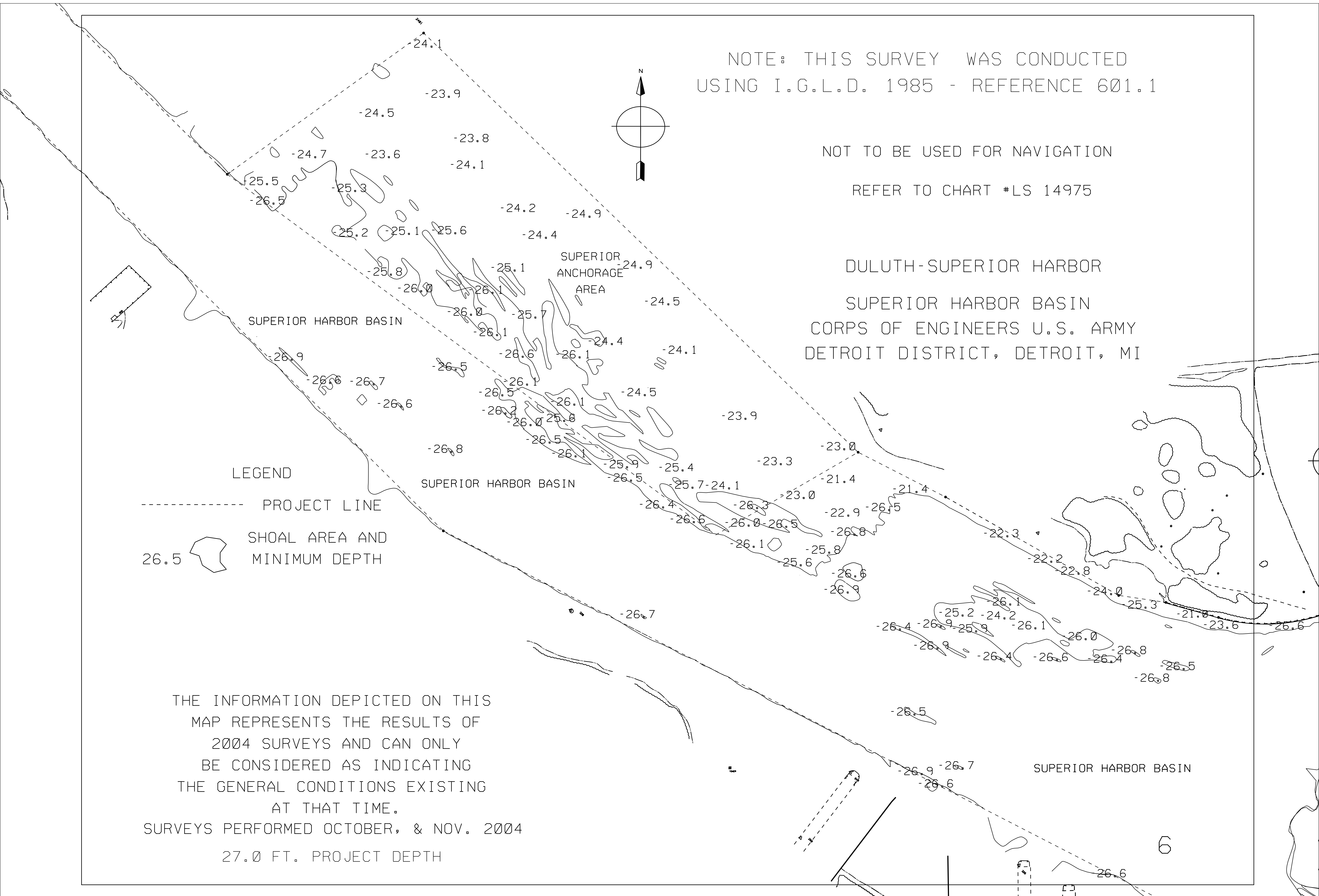
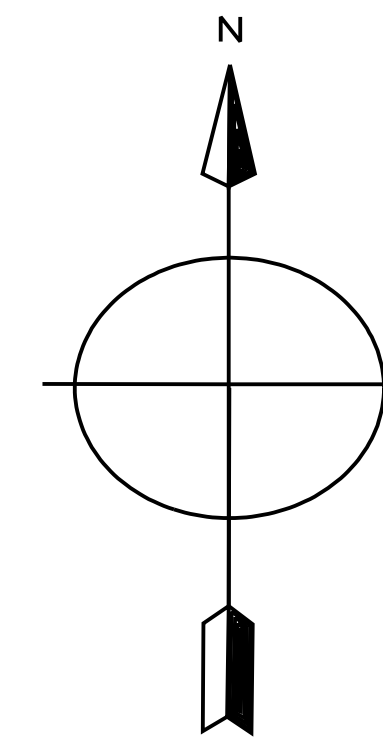
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DULUTH-SUPERIOR HARBOR

SUPERIOR HARBOR BASIN
CORPS OF ENGINEERS U.S. ARMY
DETROIT DISTRICT, DETROIT, MI

LEGEND
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SURVEYS PERFORMED OCTOBER, & NOV. 2004
27.0 FT. PROJECT DEPTH



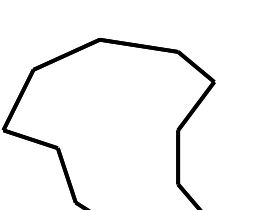
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RS U.S. ARMY
DETROIT, MI

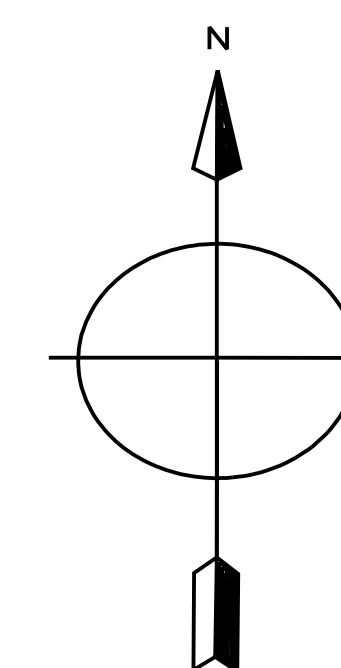
DULUTH-SUPERIOR HARBOR
SUPERIOR HARBOR BASIN
CORPS OF ENGINEERS U.S. ARMY
DETROIT DISTRICT, DETROIT, MI

R HARBOR BASIN

SUPERIOR HARBOR BASIN

LEGEND

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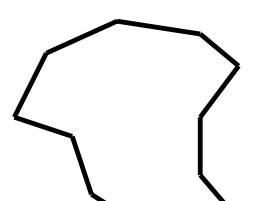
SURVEYS PERFORMED OCTOBER 2004
PROJECT DEPTH 27.0 FT.

DULUTH-SUPERIOR HARBOR
ST. LOUIS BAY
CORPS OF ENGINEERS U.S. ARMY
DETROIT DISTRICT, DETROIT, MI

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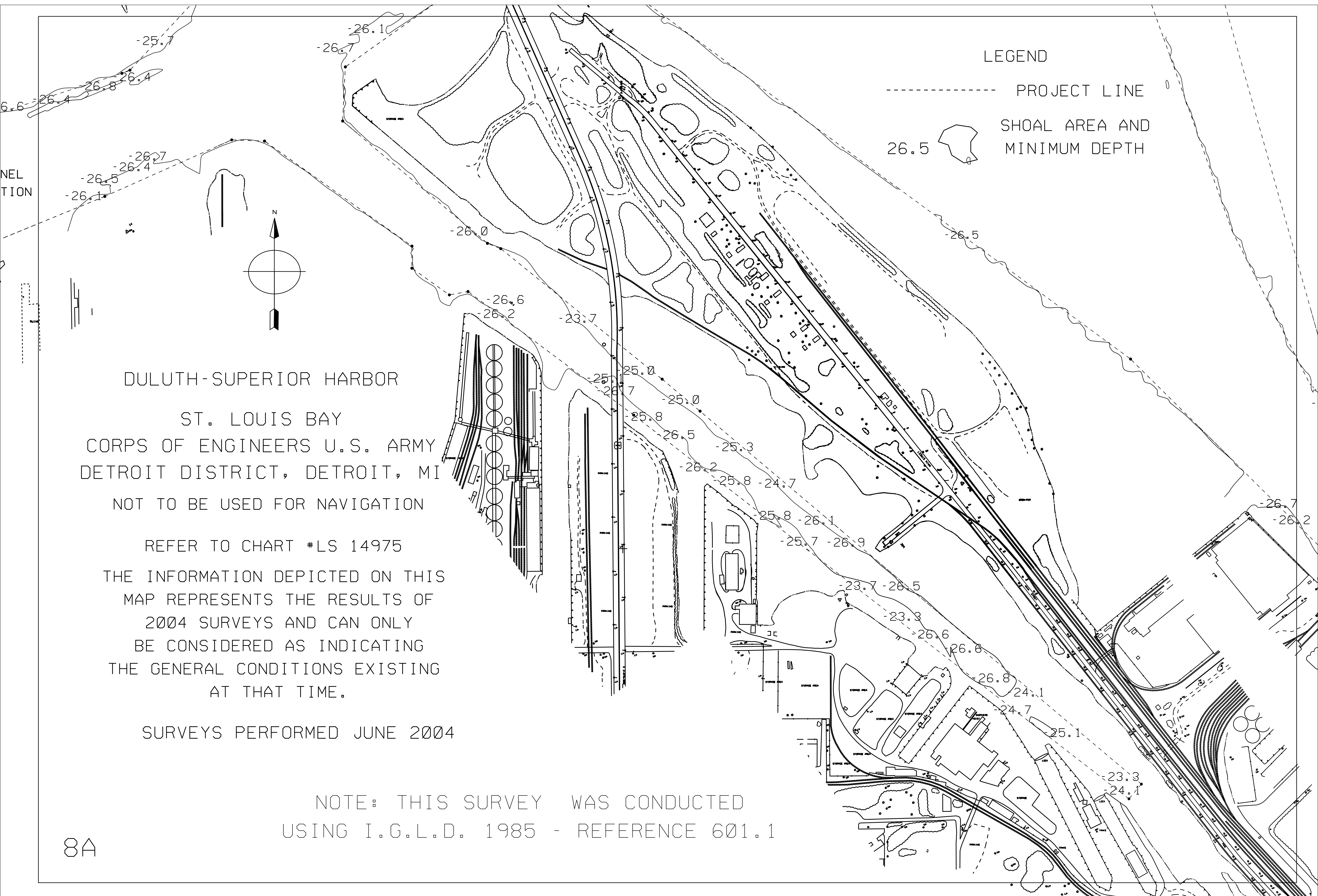
SURVEYS PERFORMED JUNE, JULY, AUG.
& NOV. 2004

NOTE: THIS SURVEY WAS CONDUCTED
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CROSS CHANNEL

SOUTH CHANNEL
EASTERN SECTION

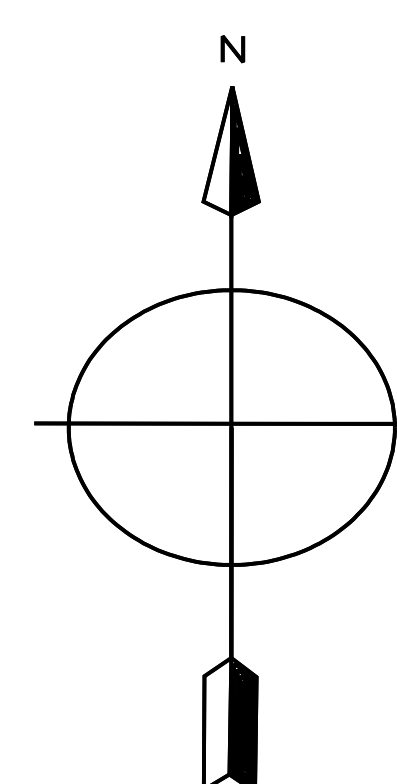
WEST GATE BASIN



DULUTH-SUPERIOR HARBOR
ST. LOUIS BAY
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SURVEYS PERFORMED SEPT. & OCT. 2004



STOCK PILE AREA

CROSS CHANNEL

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NORTH CHANNEL WESTERN SECTION

SOUTH CHANNEL WESTERN SECTION

LEGEND

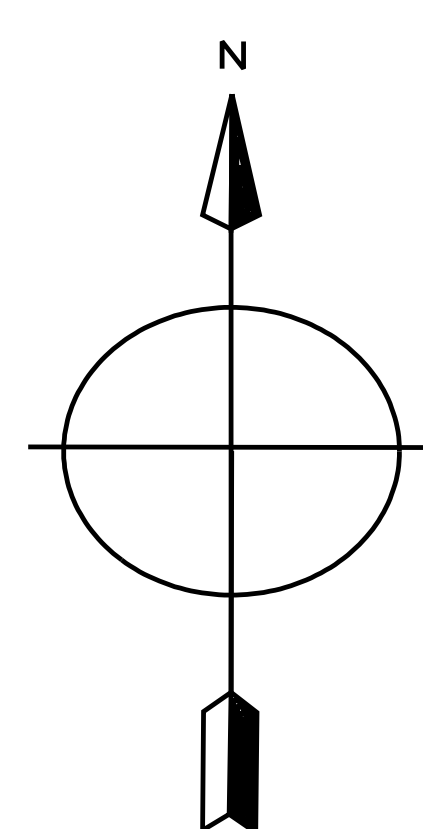
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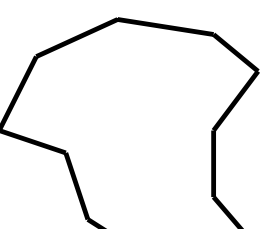
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DULUTH-SUPERIOR HARBOR
MINNESOTA & UPPER CHANNELS
CORPS OF ENGINEERS U.S. ARMY
DETROIT DISTRICT, DETROIT, MI



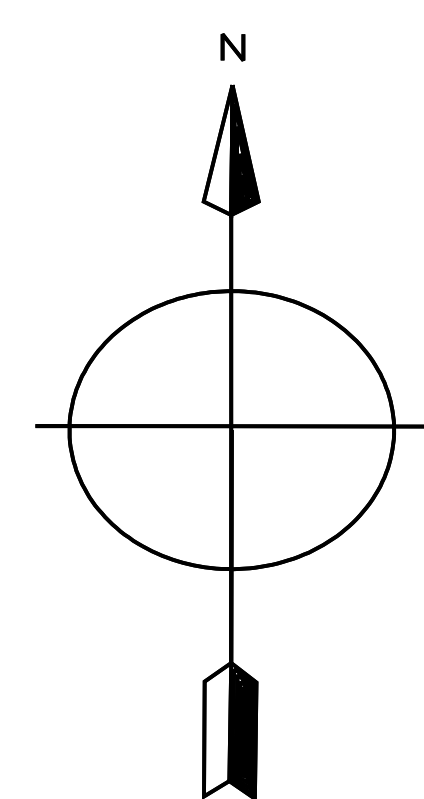
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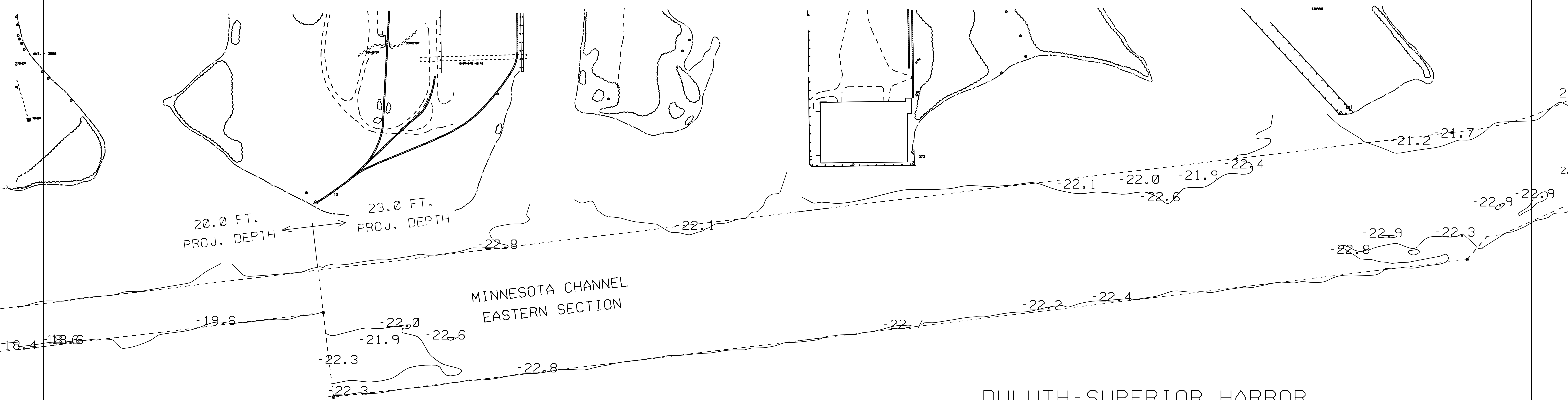
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SURVEYS PERFORMED SEPT-NOV., 2004



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SURVEYS PERFORMED OCTOBER 2004



LEGEND

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MINNESOTA CHANNEL
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DETROIT DISTRICT, DETROIT, MI

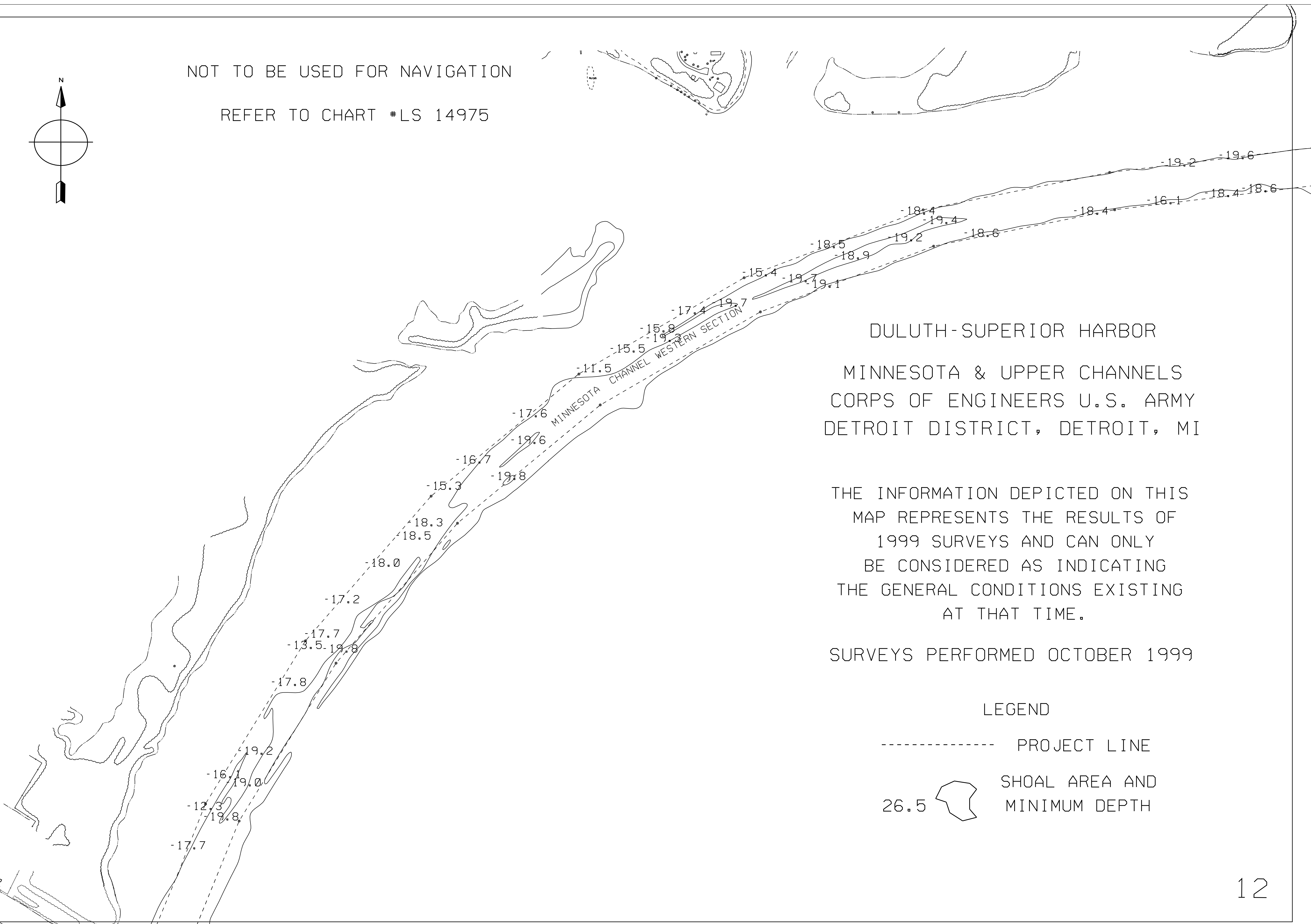
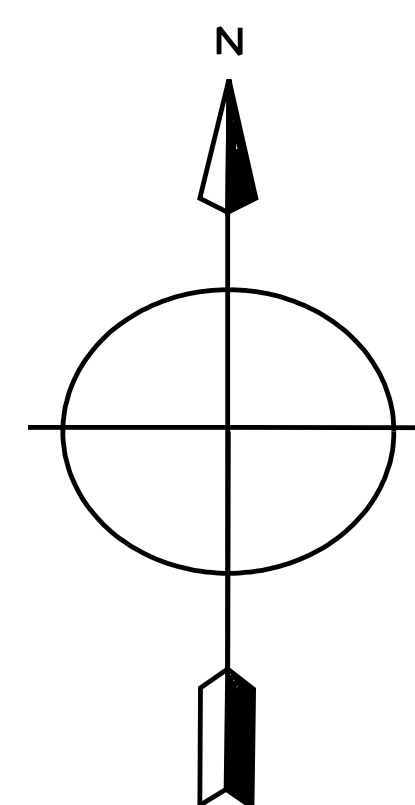
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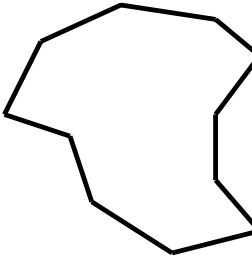
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MINNESOTA & UPPER CHANNELS
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SURVEYS PERFORMED OCTOBER 1999

LEGEND

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- 26.5  SHOAL AREA AND MINIMUM DEPTH

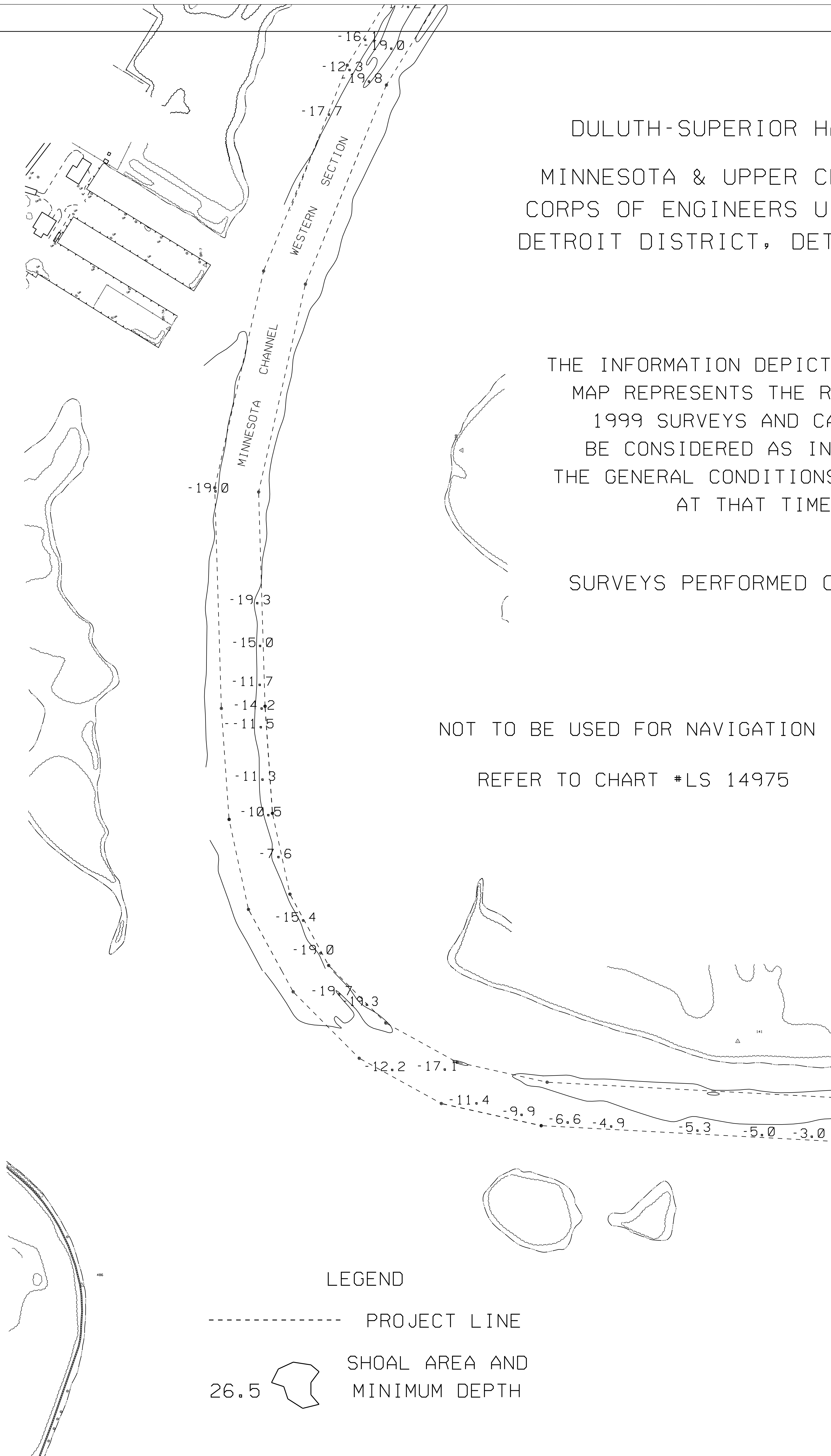
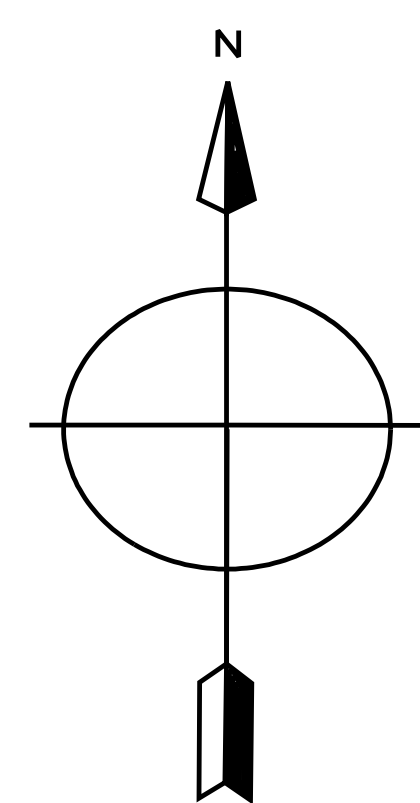
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